Volumes

```
[node1] (local) root@192.168.0.8 ~
$ docker run --rm -d --name apache -p 80:80 httpd:2.4
Unable to find image 'httpd:2.4' locally
2.4: Pulling from library/httpd
69692152171a: Pull complete
7284b4e0cc7b: Pull complete
3678b2d55ccd: Pull complete
aeb67982a725: Pull complete
06954f8169fd: Pull complete
Digest: sha256:48bae0ac5d0d75168f1c1282c0eb21b43302cb1b5c5dc9fa3b4a758ccfb36fe9
Status: Downloaded newer image for httpd:2.4
4c1c68776c741742800323dd1c67d8da008741409c763675923e009ec01f70a6
[node1] (local) root@192.168.0.8 ~
$ curl localhost
<html><body><h1>It works!</h1></body></html>
```

```
[node1] (local) root@192.168.0.8 ~
$ docker cp index.html apache:/usr/local/apache2/htdocs/
lstat /root/index.html: no such file or directory
```

I'm using the docker online

```
[node1] (local) root@192.168.0.8 ~
$ vi index.html
[node1] (local) root@192.168.0.8 ~
$ docker cp index.html apache:/usr/local/apache2/htdocs/
[node1] (local) root@192.168.0.8 ~
$ curl localhost

<html><body><h1>It works in Docker!</h1></body></html>
```

```
[node1] (local) root@192.168.0.8 ~
$ docker stop apache
apache
[node1] (local) root@192.168.0.8 ~
$ docker run --rm -d --name apache -p 80:80 httpd:2.4
63087a194e2691cd635dd1318c23c4ae1dc795f1aca1f71e3faf7604e373b75a
[node1] (local) root@192.168.0.8 ~
$ curl localhost
<html><body><h1>It works!</h1></body></html>
```

```
[node1] (local) root@192.168.0.8 ~
$ docker volume ls
DRIVER      VOLUME NAME
[node1] (local) root@192.168.0.8 ~
$ docker volume create myvolume
myvolume
[node1] (local) root@192.168.0.8 ~
$ docker volume ls
DRIVER      VOLUME NAME
local       myvolume
[node1] (local) root@192.168.0.8 ~
$ docker volume rm myvolume
myvolume
[node1] (local) root@192.168.0.8 ~
$ docker volume ls
DRIVER      VOLUME NAME
[node1] (local) root@192.168.0.8 ~
$ docker volume create httpd_htdocs
httpd_htdocs
[node1] (local) root@192.168.0.8 ~
$ docker run --rm -d --name apache -p 80:80 -v httpd_htdocs:/usr/local/apache2/htdocs/ httpd:2.4
docker: Error response from daemon: Conflict. The container name "/apache" is already in use by contain
er "63087a194e2691cd635dd1318c23c4ae1dc795f1aca1f71e3faf7604e373b75a". You have to remove (or rename) t
hat container to be able to reuse that name.
See 'docker run --help'.
```

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